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## From single-molecule to organism-level biophysics

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VRIJE UNIVERSITEIT

From single-molecule to  
organism-level biophysics

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. V. Subramaniam,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Exacte Wetenschappen  
op vrijdag 14 oktober 2016 om 13.45 uur  
in het auditorium van de universiteit,  
De Boelelaan 1105

door

Onno Dirk Broekmans

geboren te Leiden